

Converting Colors

$Yxy(36.9493, 0.3194, 0.3652)$

Have a look what the booklet for
Yxy(36.9493, 0.3194, 0.3652)
contains.

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Color

Yxy(36.7912, 0.3193, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	99A890
RGB	153, 168, 144
RGB Percent	60%, 66%, 56%
CMY	0.4001, 0.3411, 0.4354
CMYK	0.09, 0.00, 0.14, 0.34
HSL	98°, 12%, 61%
HSV	98°, 14%, 66%
XYZ	32.1671, 36.7912, 31.7843
YIQ	160.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

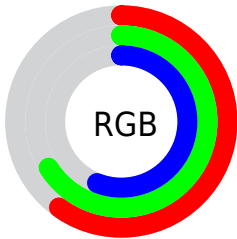
Format	Color
RYB	144, 168, 159
Decimal	10070160
CIELab	67.12, -9.84, 10.64
CIELCh	67, 14.489, 132.758
Yxy	36.7912, 0.3193, 0.3652
Android (android.graphics.Color)	4288260240 (0xFF99A890)
YUV	160.7790, -8.2720, -6.8222
Hunter-Lab	60.6557, -11.4850, 11.3904

Details

The Yxy color **36.7912, 0.3193, 0.3652** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1437, 0.3052, 0.2935**, and the grayscale version is **35.5698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1180, 0.3177, 0.3575**, and **16.1237, 0.3208, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **35.3378, 0.3237, 0.3933**, and if you desaturate by 10%, it is **38.4146, 0.3147, 0.3394**.

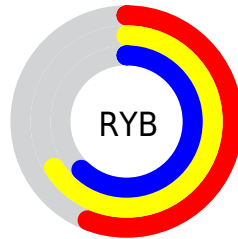
Distribution



Red (60%)

Green (66%)

Blue (56%)



Red (56%)

Yellow (66%)

Blue (62%)

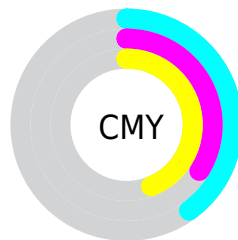


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (34%)



Cyan (40%)


Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7912, 0.3193, 0.3652 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 36.7912, 0.3193, 0.3652 by changing the saturation by 10% instead.


 36.7912, 0.3193,
0.3652


 36.7912, 0.3193,
0.3652


332.4056, 0.3161,
0.3460

 25.0459, 0.3201,
0.3704


 70.2515, 0.3181,
0.3580

 16.1112, 0.3211,
0.3772


 92.7353, 0.3177,
0.3553

 9.6029, 0.3223,
0.3869


119.5674, 0.3173,
0.3531

 5.1365, 0.3239,
0.4012

151.1321, 0.3170,
0.3513

 2.3276, 0.3259,
0.4248

187.8139, 0.3167,
0.3497

 0.7882, 0.3606,
0.5583

229.9972, 0.3165,

 0.0000, 0.0000,

0.3483

0.0000

278.0663, 0.3163,
0.3471

■ 36.7912, 0.3193,
0.3652

■ 36.7912, 0.3193,
0.3652

■ 35.3378, 0.3237,
0.3933

■ 38.4146, 0.3147,
0.3394

■ 34.0438, 0.3275,
0.4233

■ 40.2086, 0.3101,
0.3160

■ 32.9049, 0.3306,
0.4543

■ 42.1799, 0.3055,
0.2950

■ 31.9146, 0.3326,
0.4852

■ 44.3334, 0.3012,
0.2764

■ 31.0660, 0.3331,
0.5144

■ 46.6739, 0.2970,
0.2599

■ 30.3514, 0.3319,
0.5403

■ 49.2058, 0.2931,
0.2453

■ 29.7623, 0.3290,
0.5612

■ 51.5015, 0.2941,
0.2381

■ 29.2889, 0.3244,
0.5761

■ 53.2617, 0.3024,
0.2403

■ 29.0605, 0.3217,
0.5828

■ 55.1283, 0.3108,
0.2425

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.7912, 0.3398, 0.3673



36.7912, 0.3193, 0.3652



36.7912, 0.2975, 0.3523

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.7912, 0.3193, 0.3652



36.7912, 0.2734, 0.2983



36.7912, 0.3460, 0.3242

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.7912, 0.3193, 0.3652



30.1437, 0.3052, 0.2935

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.7912, 0.3272, 0.3073



36.7912, 0.3193, 0.3652



36.7912, 0.2854, 0.2924

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.7912, 0.3193, 0.3652



36.7912, 0.2716, 0.3128



36.7912, 0.3049, 0.2958



36.7912, 0.3557, 0.3428

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.7912, 0.3193, 0.3652



36.7912, 0.2852, 0.3396



36.7912, 0.3049, 0.2958



36.7912, 0.3405, 0.3181

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.7928, 0.3193, 0.3652



69.7661, 0.3146, 0.3388



35.0683, 0.3355, 0.3507



15.1568, 0.3149, 0.3406



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.7928, 0.3193, 0.3652



65.9268, 0.3206, 0.3734



36.0387, 0.3086, 0.3617



8.5392, 0.3170, 0.3519



21.9681, 0.3224, 0.5822



0.5637, 0.3504, 0.5600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.1437, 0.3052, 0.2935



51.6258, 0.3034, 0.2856



30.9923, 0.3171, 0.2984



7.5245, 0.3080, 0.3063



4.4432, 0.2305, 0.1044



0.1358, 0.2613, 0.1213

Previews

White Background



This preview shows how the Yxy color 36.7912, 0.3193, 0.3652 looks on a white background.

Color Contrast Check

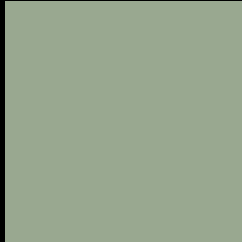
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.7912, 0.3193, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

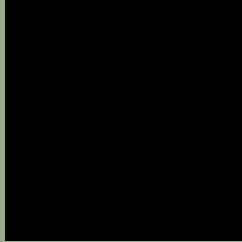
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.7912, 0.3193, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 36.7912, 0.3193, 0.3652.



This preview shows how white text looks on a background with the Yxy color 36.7912, 0.3193, 0.3652.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.7912, 0.3193, 0.3652

Protanopia

36.7754, 0.3404, 0.3607

Deuteranopia

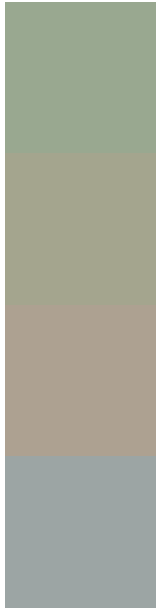
36.5036, 0.3513, 0.3443



Tritanopia

36.5981, 0.2971, 0.3104

Trichromacy



Original Color

36.7912, 0.3193, 0.3652

Protanomaly

36.7558, 0.3321, 0.3628

Deuteranomaly

36.4183, 0.3391, 0.3520

Tritanomaly

36.6585, 0.3053, 0.3304

Monochromacy



Original Color

36.7912, 0.3193, 0.3652

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.1866, 0.3149, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7912, 0.3193, 0.3652 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 168, 144)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 168, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.7912, 0.3193, 0.3652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 168, 144) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 168, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 168, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 168,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7912, 0.3193, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 168, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
168, 144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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